

EPA Official Record

Notes ID: EA46D464AC8C44FB86257948006EEBBA

From: Robert Puls/ADA/USEPA/US

To: chris Hill <chris.hill@chk.com>; "Florentino, Gene" <GFlorentino@ene.com>; "Lukert, George" <GLukert@ene.com>; Susan Mravik/ADA/USEPA/US@EPA; Robert Puls/ADA/USEPA/US@EPA; Steve Vandegrift/ADA/USEPA/US@EPA

Delivered Date: 11/14/2011 03:24 PM EDT

Subject: notes, and milestones

attached are notes from last weeks calls



EPA HF Study Conference Call Minutes_110711_v2.doc

I have also delineated milestones for the next 2 mos.

Wed Nov 16 - call to discuss MIT for prospective study

Mon Nov 21 - CHK to complete the following: feedback from CHK management on use of microseismic, and revisions to produced water sampling procedures for inclusion in QAPP,

Mon Nov 21 - E&E to provide more specific details on horizontal drilling options and companies and straw man for sampling intervals for different sampling of environmental media for inclusion in QAPP

Mon Nov 21 -EPA to provide text for piezometer installations and slug testing to E&E for incorporation into QAPP

Mon Nov 21 - EPA to get feedback from ORD QA program managers on sharing of SOPs with others besides CHK and whether inclusion of CHK lab analyses should be part of the prospective QAPP and thus part of the study

Mon Nov 21 - CHK to provide draft letter for private well sampling

Dec 12-14 - Visit to homeowners near study site

Jan 6 - draft final QAPP

Robert W. Puls, Ph.D.

Agency Technical Lead, Hydraulic Fracturing Study

Ground Water and Ecosystems Restoration Division

National Risk Management Research Laboratory, USEPA

P.O. Box 1198 / 919 Kerr Research Dr.

Ada, OK 74820

puls.robert@epa.gov

580-436-8543 (phone)

405-323-8119 (mobile)